

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1136	82/47,48,85,91,101.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/05 12:40
S4	292	83/178,183,184.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/05 15:11
S5	4	S1 and paper same pipe	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/05 12:40
S6	4	("1934660").URPN.	USPAT	OR	ON	2005/07/05 12:47
S7	14	("3993231"   "4084466"   "4227431"   "4291453"   "4302958"   "4649780"   "4748881"   "4779496"   "4794834"   "4930379"   "5014579"   "5383380"   "5457877"   "6101910").PN. OR ("6832536"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/05 13:09
S8	30	("0983387"   "1685127"   "1777316"   "1825925"   "1864903"   "2457310"   "2521003"   "2521385"   "3521004"   "3522748"   "3861254"   "4748881").PN. OR ("5383380").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/05 13:10
S9	16	("1685127"   "1952209"   "2365760"   "3161097"   "3861253"   "3933063").PN. OR ("4748881"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/05 13:14
S10	2	("4292867").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/07/05 14:20
S11	4	("4111084").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/07/05 14:21
S12	2	("3911768").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/07/05 14:21

S13	18	("0898732"   "0969858"   "2521003"   "3143014"   "3344696").PN. OR ("3911768").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/05 14:24
S14	8	("1075910").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/07/05 14:25
S15	8	("1110681").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/07/05 14:28
S16	0	("29501197").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/07/05 14:28
S17	0	("29501197").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/07/05 14:36
S18	2	("4292867").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/07/05 14:36
S19	2	("20040074350").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/07/05 19:03
S20	1136	82/47,48,85,91,101.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/05 19:03
S21	59	S20 and mandrel same groove	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/11/11 10:50
S22	3	S20 and mandrel same (groove with width)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/05 19:17

S23	14	("0460317"   "0811593"   "1042998"   "1242448"   "1984730"   "4487378"   "5271137"   "5453070"   "5755146").PN. OR ("6718853").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/05 19:11
S24	292	83/178,183,184.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/05 19:17
S25	1	S24 and mandrel same (groove with width)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/05 19:18
S26	18	S24 and mandrel same groove	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/05 19:23
S27	913	mandrel same (groove with width)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/05 19:23
S28	189	pipe and mandrel same (groove with width)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/05 19:25
S29	26	pipe and blade and mandrel same (groove with width)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/06 07:50
S30	0	("bladesame(mandrelandgroove)").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/07/06 08:24
S31	1232	blade same (mandrel and groove)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/06 08:24
S32	45	blade same (mandrel near groove)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/06 08:52

S33	4	("3709969").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/07/06 09:57
S34	1511	"408"/\$.ccls. and (chamfer\$5 or debur\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/07 15:12
S35	369	"408"/\$.ccls. and debur\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/07 16:14
S36	61	S35 and pipe	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/07 16:13
S37	178	"83"/\$.ccls. and debur\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/07 16:16
S38	15	S37 and pipe	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/07 16:17
S39	2	("3754832").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/07/07 16:17
S40	15	("0469354"   "0651337"   "1228951"   "3550482").PN. OR ("3754832"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/07 16:19
S41	31	("1531738"   "1662936"   "1750394"   "2204516"   "2556415"   "3118476"   "3137208"   "3672017"   "3754832"   "3817649"   "3872748"   "4205493"   "4229129"   "4743146"   "4798503"   "4955165"   "5004383"   "5007778"   "5401125"   "5810522"   "5853272"   "5961382"   "6092293"   "6146067").PN. OR ("6835029"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/07 16:20
S42	7	("3200540"   "3290834"   "4063471").PN. OR ("5961382"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/07 16:20

S43	11	("3137208"   "3365773"   "3802793").PN. OR ("5004383").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/07 17:06
S44	1740	insert and (AB with type)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/08 14:38
S45	192	insert same (AB with type)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/08 14:39
S46	1136	82/47,48,85,91,101.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/10 19:00
S47	259	S46 and blades	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/10 19:00
S48	48	S46 and blades same width	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/10 19:00
S49	68	S46 and blades same thick\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/10 19:12
S50	0	("29501197").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/07/10 19:12
S51	0	("29501197").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/07/10 19:13
S52	0	("29501197.1").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/07/10 19:13

S53	1141	82/47,48,85,91,101.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/11/11 10:50
S54	5	S53 and mandrel near groove	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/11/11 10:54
S55	0	S53 and mandrel near peieces	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/11/11 10:54
S56	44	S53 and mandrel same pieces	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/11/11 10:54
S57	101	S53 and mandrel same (pieces or sections)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/11/11 10:54